

TECHNICAL DATA SHEET

Polyurethane Foam/Film Adhesive Border Dressings

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Polyurethane Foam/Film adhesive border dressings are hydrophilic, medical grade polyurethane (PU) foams made of a soft textured material, designed to handle high volumes of wound exudate and provide a comfortable wear for the patient. The product has a high moisture vapor permeability and is available with a moisture- and bacteria-resistant outer PU film layer.

TYPICAL APPLICATION

Indicated for pressure ulcers, venous and arterial leg ulcers, diabetic foot ulcers, first- and second-degree burns, and surgical wounds.

FEATURES AND BENEFITS

- Suitable for medium to high exuding wounds
- Viral and bacterial barrier film
- High absorbency capacity in a breathable environment
- Conformable
- Low wound adherence
- Good pressure relief characteristics



Packaging

	SIZE	QTY PER BOX
DRESSING	11 x 13 cm	10
DRESSING	16 x 16 cm	10
DRESSING	16 x 26 cm	5
DRESSING	26 x 26 cm	5
SACRUM	18 x 20 cm	5

PU foam products are packed in paper/poly film peelable pouch:

- Top: 60 g direct seal paper
- Bottom: 12 µm polyester/50 µm polyethylene film

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Product Construction

	DESCRIPTION
FILM CARRIER THICKNESS	3.0 ± 0.3 mil polyurethane film
ADHESIVE THICKNESS	35-43 g/m ² acrylic adhesive designed for medical applications
FOAM CARRIER THICKNESS	4.0 ± 0.5 mm polyurethane foam with 30 µm pink polyurethane film
LINER THICKNESS	120 gsm white, single-coated kraft release liner siliconized on one side

Product Characteristics

PROPERTY	TYPICAL VALUES†
THICKNESS	4.0 ± 0.5 mm
ABSORPTION	> 8 g/g
MVTR	> 300 g/m ² per 24 hr
FOAM DENSITY	65–95 kg/m ³
ACRYLIC ADHESION	> 300 gf/25 mm
APPEARANCE	(Off-)White foam, pink film on pad with clear border
PRODUCT STERILITY	Gamma sterilized (SAL 10 ⁻⁶)

MVTR, moisture vapor transmission rate.

†Refer to product specifications for material acceptance limits.

STORAGE AND SHELF LIFE: Three years when stored at 23°C (73°F), 50% relative humidity, out of direct sunlight, in original packaging.

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